SUMMARY OF RESULTS

FIBI064 - Pequest River



1. Stream Name: Pequest River
2. Sampling Date: 09-08-2003

3. Sampling Location: CR612-Johnsonburg Rd

4. Municipality Allamuchy
5. County: Warren
6. Watershed Management Area: 1

7. Contributing Drainage Area:
8. Electrofishing Gear:
9. FIBI Score and Rating:
10. Habitat Score and Rating:
132 - Suboptimal

11. Fishable Species Present:

12. Relevant AMNET¹ Station Data:

Proximity of FIBI station to AMNET station: 1.3 mi upstream AN0039

AMNET Rating: Round 1 – Non-impaired Round 2 – Non-impaired Round 3 – Non-impaired

13. Stream Chemistries:

 $\begin{array}{ll} \mbox{Dissolved Oxygen} & 9.8 \ \mbox{mg/L} \\ \mbox{Temperature.} & 16.3 \ \mbox{^{0}C} \\ \mbox{pH} & 8.76 \end{array}$

Conductivity 567 µmhos/cm

14. Number of Fish With Anomalies:

15. Length of Stream Segment Sampled150 Meters16. Water Clarity:Clear17. Average Forest Open Canopy:77.5%18. Discharge:86.3 ft.3/sec

19. Substrate: 40% Gravel and Sand, 25% Cobble, 5% Boulder, 30% Silt

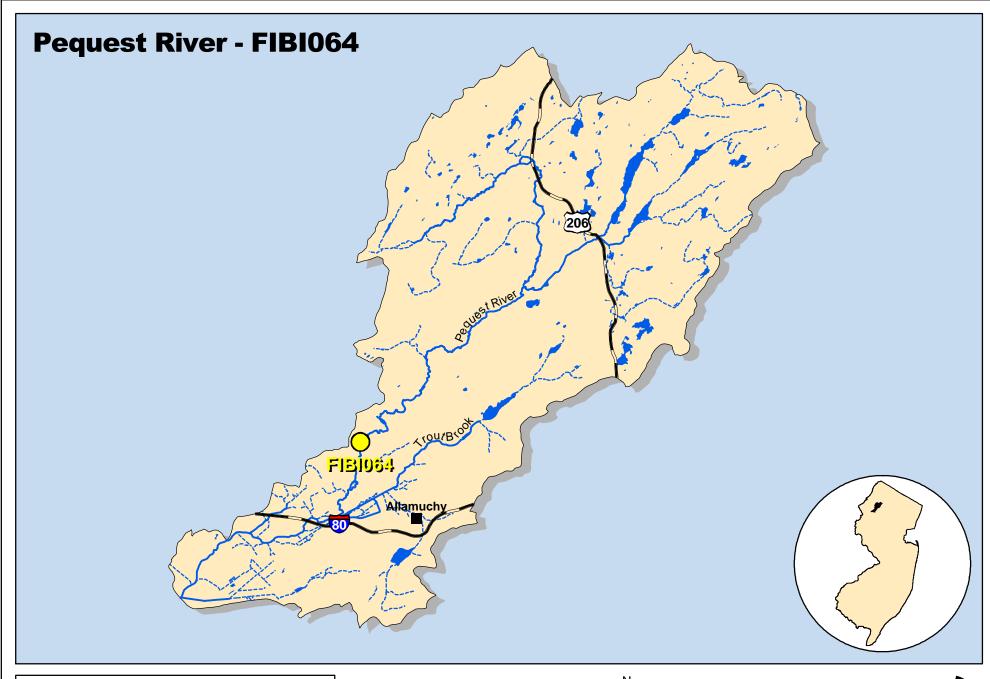
20. Habitat: 10% Riffle, 85% Run, 5% Pool

21. SnagsYes22. PeriphytonModerate23. Submerged Aquatic VegetationYes

24. Other observations:

25. Number of Fish Species Identified:26. Total Number of Fish Collected:298

¹ AMNET is the acronym for the DEP's ambient benthic macroinvertebrate monitoring network – a series of 820 monitoring stations located throughout the state's waterways that collects data on the health of bottom dwelling stream fauna which in turn is used to assess general water quality.

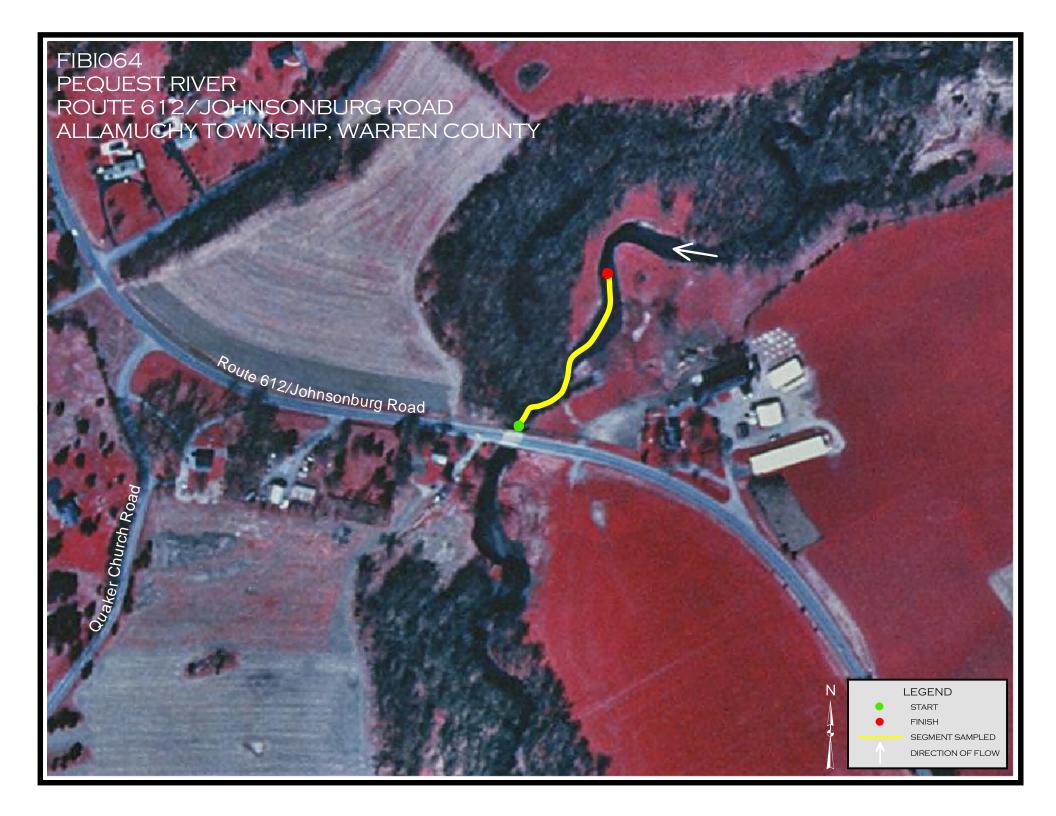




FIBI Sampling Location
Small Streams (1st and 2nd Order)
Large Streams (3rd Order and Above)







FIBI064 - Pequest River @ Johnsonburg Date Sampled - 9/08/2003	Rd Ex	xcellent Goo	od Fair	Poor
# of Fish Species			Score 5	
# of Benthic Insectivorous Species (BI)			5	
# of Trout and Centrarchid Species (trout, ba	ass, sunfish, cra	ppie)	5	
# of Intolerant Species (IS)			3	
Proportion of Individuals as White Suckers			5	
Proportion of Individuals as Generalists (carp goldfish, fathead minnow, green sunfish)	o, creek chub, bande	d killifish,	3	
Proportion of Individuals as Insectivorous Cy	yprinids (I and E	31)	1	
Proportion of Individuals as Trout OR	*whichever giv	ves better score		
Proportion of Individuals as Piscivores (Excl	uding American	Eel)*	3	
Number of Individuals in Sample			5	
Proportion of Individuals w/disease/anomalie	es (excluding bla	ackspot)	5	
Total			40	

Stream Rating

45-50	Excellent
37-44	Good
29-36	Fair
10-28	Poor

HABITAT ASSESSMENT FOR *HIGH* GRADIENT STREAMS Pequest River (FIBI064) – 9/8/03

1. Epifaunal Substrate /Available Cover SCORE 10 2. Embeddedness SCORE 10 3. Velocity/Depth Regimes SCORE 10	Optimal Greater than 70% of substrate favorable for epifaunal colonization and fish cover; mix of snags, submerged logs, undercut banks, cobble or other stable habitat and at stage to allow full colonization potential (i.e., logs/snags that are not new fall and not transient). 20 19 18 17 16 Gravel, cobble, and boulder particles are 0-25% surrounded by fine sediment. Layering of cobble provides diversity of niche space	Condition Suboptimal 40-70% mix of stable habitat; well-suited for full colonization potential; adequate habitat for maintenance of populations; presence of additional substrate in the form of newfall, but not yet prepared for colonization (may rate at high end of scale). 15 14 13 12 11 Gravel, cobble, and boulder particles are 25-50% surrounded by fine sediment.	Marginal 20-40% mix of stable habitat; habitat availability less than desirable; substrate frequently disturbed or removed. 10 9 8 7 6 Gravel, cobble, and boulder	Poor Less than 20% stable habitat; lack of habitat is obvious; substrate unstable or lacking.
/Åvailable Cover SCORE 10 2. Embeddedness SCORE 10 3. Velocity/Depth Regimes	favorable for epifaunal colonization and fish cover; mix of snags, submerged logs, undercut banks, cobble or other stable habitat and at stage to allow full colonization potential (i.e., logs/snags that are not new fall and not transient). 20 19 18 17 16 Gravel, cobble, and boulder particles are 0-25% surrounded by fine sediment. Layering of cobble provides diversity of niche space	well-suited for full colonization potential; adequate habitat for maintenance of populations; presence of additional substrate in the form of newfall, but not yet prepared for colonization (may rate at high end of scale). 15 14 13 12 11 Gravel, cobble, and boulder particles are 25-50% surrounded	habitat availability less than desirable; substrate frequently disturbed or removed. 10 9 8 7 6 Gravel, cobble, and boulder	of habitat is obvious; substrate unstable or lacking.
2. Embeddedness SCORE 10 3. Velocity/Depth Regimes	20 19 18 17 16 Gravel, cobble, and boulder particles are 0-25% surrounded by fine sediment. Layering of cobble provides diversity of niche space	Gravel, cobble, and boulder particles are 25-50% surrounded	Gravel, cobble, and boulder	5 4 3 2 1 0
SCORE 10 3. Velocity/Depth Regimes	particles are 0-25% surrounded by fine sediment. Layering of cobble provides diversity of niche space	particles are 25-50% surrounded		
3. Velocity/Depth Regimes	20 19 18 17 16		particles are 50-75% surrounded by fine sediment.	Gravel, cobble, and boulder particles are more than 75% surrounded by fine sediment.
		15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
SCORE 10	All 4 velocity/depth regimes present (slow-deep, slow-shallow, fast-deep, fast-shallow). (slow is <0.3 m/s, deep is >0.5 m)	Only 3 of the 4 regimes present (if fast-shallow is missing, score lower than if missing other regimes).	Only 2 of the 4 habitat regimes present (if fast-shallow or slow-shallow are missing, score low).	Dominated by 1 velocity / depth regime (usually slow-deep).
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
4. Sediment Deposition	Little or no enlargement of islands or point bars and less than 5% (<20% for low-gradient streams) of the bottom affected by sediment deposition.	Some new increase in bar formation, mostly from gravel, sand or fine sediment; 5-30% (20-50% for low-gradient) of the bottom affected; slight deposition in pools.	Moderate deposition of new gravel, sand or fine sediment on old and new bars; 30-50% (50-80% for low-gradient) of the bottom affected; sediment deposits at obstructions, constrictions, and bends; moderate deposition of pools prevalent.	Heavy deposits of fine material, increased bar development; more than 50% (80% for low-gradient) of the bottom changing frequently; pools almost absent due to substantial sediment deposition.
SCORE 13	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
5. Channel Flow Status	Water reaches base of both lower banks, and minimal amount of channel substrate is exposed.	Water fills >75% of the available channel; or <25% of channel substrate is exposed.	Water fills 25-75% of the available channel, and/or riffle substrates are mostly exposed.	Very little water in channel and mostly present as standing pools.
SCORE 18	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
6. Channel Alteration	Channelization or dredging absent or minimal; stream with normal pattern.	Some channelization present, usually in areas of bridge abutments; evidence of past channelization, i.e., dredging, (greater than past 20 yr) may be present, but recent channelization	Channelization may be extensive; embankments or shoring structures present on both banks; and 40 to 80% of stream reach channelized and disrupted.	Banks shored with gabion or cement; over 80% of the stream reach channelized and disrupted. In stream habitat greatly altered or removed entirely.
SCORE 18	20 19 18 17 16	is not present. 15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
7. Frequency of Riffles (or bends)	Occurrence of riffles relatively frequent; ratio of distance between riffles divided by width of the stream <7:1 (generally 5 to 7); variety of habitat is key. In streams where riffles are continuous, placement of boulders or other large, natural obstruction is important.	Occurrence of riffles infrequent; distance between riffles divided by the width of the stream is between 7 to 15.	Occasional riffle or bend; bottom contours provide some habitat; distance between riffles divided by the width of the stream is between 15 to 25.	Generally all flat water or shallow riffles; poor habitat; distance between riffles divided by the width of the stream is a ratio of >25.
SCORE 10	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
8. Bank Stability (score each bank) Note: determine left or right side by facing downstream.	Banks stable; evidence of erosion or bank failure absent or minimal; little potential for future problems. <5% of bank affected.	Moderately stable; infrequent, small areas of erosion mostly healed over. 5-30% of bank in reach has areas of erosion.	Moderately unstable; 30-60% of bank in reach has areas of erosion; high erosion potential during floods.	Unstable; many eroded areas; "raw" areas frequent along straight sections and bends; obvious bank sloughing; 60- 100% of bank has erosional scars.
SCORE8 (LB) SCORE8 (RB)	Left 10 9 Right 10 9	8 7 6 8 7 6	5 4 3 5 4 3	2 1 0 2 1 0
9. Bank Vegetative Protection (score each bank)	More than 90% of the streambank surfaces and immediate riparian zone covered by native vegetation, including trees, under story shrubs, or nonwoody macrophytes; vegetative disruption through grazing or mowing minimal or not evident; almost all plants allowed to grow naturally.	70-90% of the streambank surfaces covered by native vegetation, but one class of plants is not well-represented; disruption evident but not affecting full plant growth potential to any great extent; more than one-half of the potential plant stubble height remaining.	50-70% of the streambank surfaces covered by vegetation; disruption obvious; patches of bare soil or closely cropped vegetation common; less than one-half of the potential plant stubble height remaining.	Less than 50% of the streambank surfaces covered by vegetation; disruption of streambank vegetation is very high; vegetation has been removed to 5 centimeters or less in average stubble height.
SCORE5 (LB) SCORE9 (RB)	Left 10 9 Right 10 9	8 7 6 8 7 6	5 4 3 5 4 3	2 1 0 2 1 0
10. Riparian Vegetative Zone Width (score each bank riparian zone)	Width of riparian zone >18 meters; human activities (i.e., parking lots, roadbeds, clear-cuts, lawns, or crops) have not impacted zone.	Width of riparian zone 12-18 meters; human activities have impacted zone only minimally.	Width of riparian zone 6-12 meters; human activities have impacted zone a great deal.	Width of riparian zone <6 meters: little or no riparian vegetation due to human activities.
SCORE4 (LB) SCORE9 (RB)	Left 10 9 Right 10 9	8 7 6 8 7 6	5 4 3 5 4 3	2 1 0

HABITAT SCORE

132

HABITAT SCORES	VALUE
OPTIMAL	160 - 200
SUB-OPTIMAL	110 - 159
MARGINAL	60 - 109
POOR	< 60

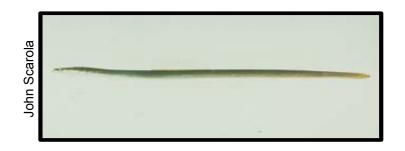
FIBI064 09-08-2003

Pequest River

LISTED IN ORDER OF ABUNDANCE FOUND

COMMON NAME	SCIENTIFIC NAME	# FOUND	SIZE RANGE (INCHES)
Banded killifish	Fundulus diaphanus	130	
American eel	Anguilla rostrata	49	
Redbreast sunfish	Lepomis auritus	24	2.2 - 5.9
Bluegill sunfish	Lepomis macrochirus	18	3.3 - 5.1
Tesselated darter	Etheostoma olmstedi	14	
Blacknose dace	Rhinichthys atratulus	13	
Rock bass	Ambloplites rupestris	11	3.3 - 5.5
Creek chubsucker	Erimyzon oblongus	8	
Chain pickerel	Esox niger	7	4.1 - 7.3
Redfin pickerel	Esox americanus americanus	6	3.7 - 6.7
Sea lamprey	Petromyzon marinus	4	
Brown bullhead	Ameiurus nebulosus	4	4.1 - 7.1
Margined madtom	Noturus insignis	3	
Mudminnow	Umbra pygmaea	2	
Bluespotted sunfish	Enneacanthus gloriosus	1	
Spottail shiner	Notropis hudsonius	1	
White sucker	Catostomus commersoni	1	
Largemouth bass	Micropterus salmoides	1	6.3
Yellow perch	Perca flavescens	1	3.0

^{*} Regulated as a fishable species under current New Jersey Fish and Wildlife codes



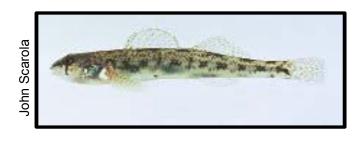
American Eel



Blacknose Dace



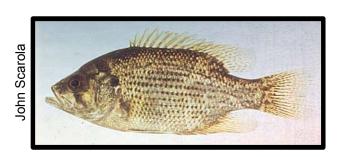
Redbreast Sunfish



Tesselated Darter



Spottail Shiner



Rock Bass



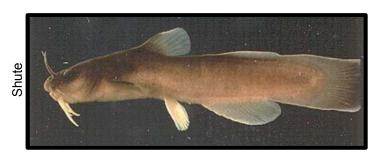
Bluegill



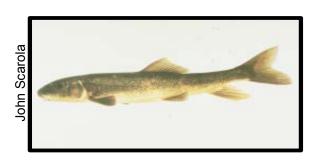
Largemouth Bass



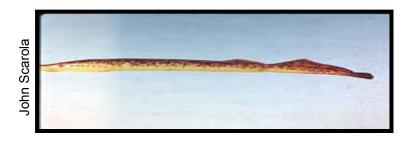
Redfin Pickerel



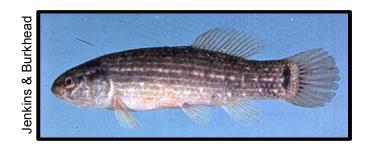
Margined Madtom



White Sucker



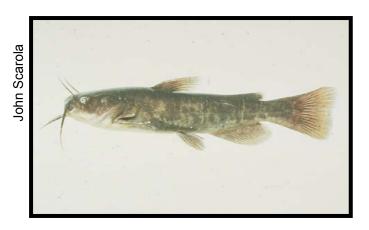
Sea Lamprey



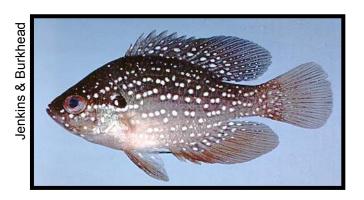
Eastern Mudminnow



Yellow Perch



Brown Bullhead



Bluespotted Sunfish



Banded Killifish



Chain Pickerel



Creek Chubsucker

SUMMARY OF RESULTS

FIBI065 - Little Flat Brook



1. Stream Name: Little Flat Brook
2. Sampling Date: 07-17-2003

3. Sampling Location: 645/Layton-Hainesville Rd

4. MunicipalitySandyston5. County:Sussex6. Watershed Management Area:1

7. Contributing Drainage Area:9.5 Square Miles8. Electrofishing Gear:2 Backpack9. FIBI Score and Rating:46 - Excellent10. Habitat Score and Rating:173 - Optimal

11. Fishable Species Present: Yes

12. Relevant AMNET¹ Station Data:

Proximity of FIBI station to AMNET station: 1.9 mi downstream AN0005

AMNET Rating: Round 1 – Non-impaired Round 2 – Non-impaired Round 3 – Non-impaired

13. Stream Chemistries:

Dissolved Oxygen 7.82 mg/L Temperature. 19.7 0 C pH 7.89

Conductivity 322 µmhos/cm

14. Number of Fish With Anomalies: 0

15. Length of Stream Segment Sampled
16. Water Clarity:
17. Average Forest Open Canopy:
18. Discharge:
10.5 ft. 3/sec

19. Substrate: 15% Gravel and Sand, 50% Cobble, 30% Boulder, 5% Clay

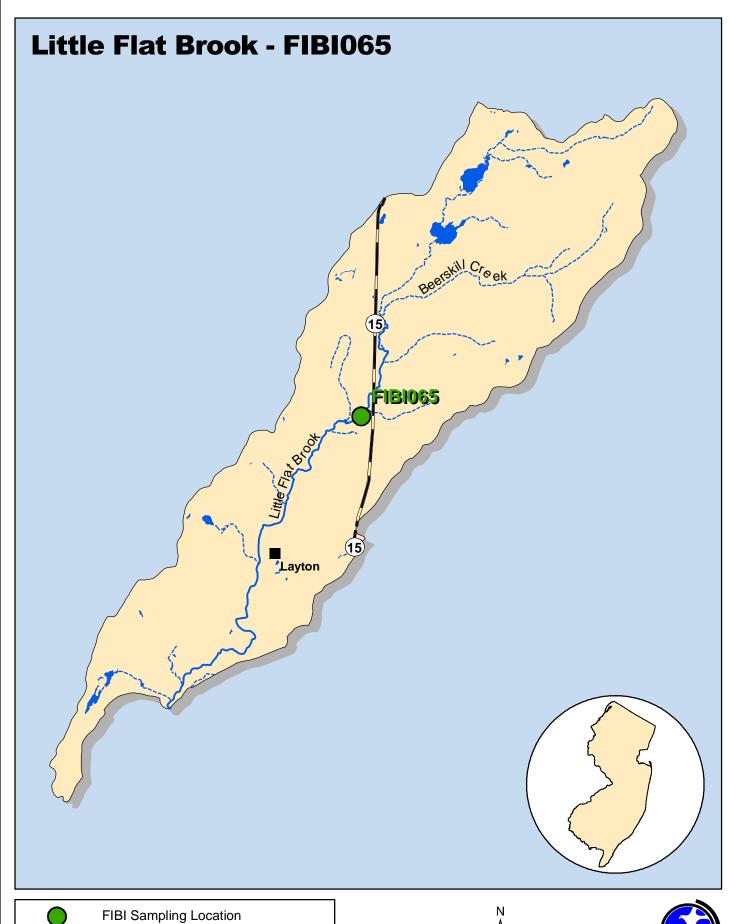
20. Habitat: 50% Riffle, 30% Run, 20% Pool

21. SnagsYes22. PeriphytonSlight23. Submerged Aquatic VegetationYes

24. Other observations:

25. Number of Fish Species Identified: 1726. Total Number of Fish Collected: 155

¹ AMNET is the acronym for the DEP's ambient benthic macroinvertebrate monitoring network – a series of 820 monitoring stations located throughout the state's waterways that collects data on the health of bottom dwelling stream fauna which in turn is used to assess general water quality.

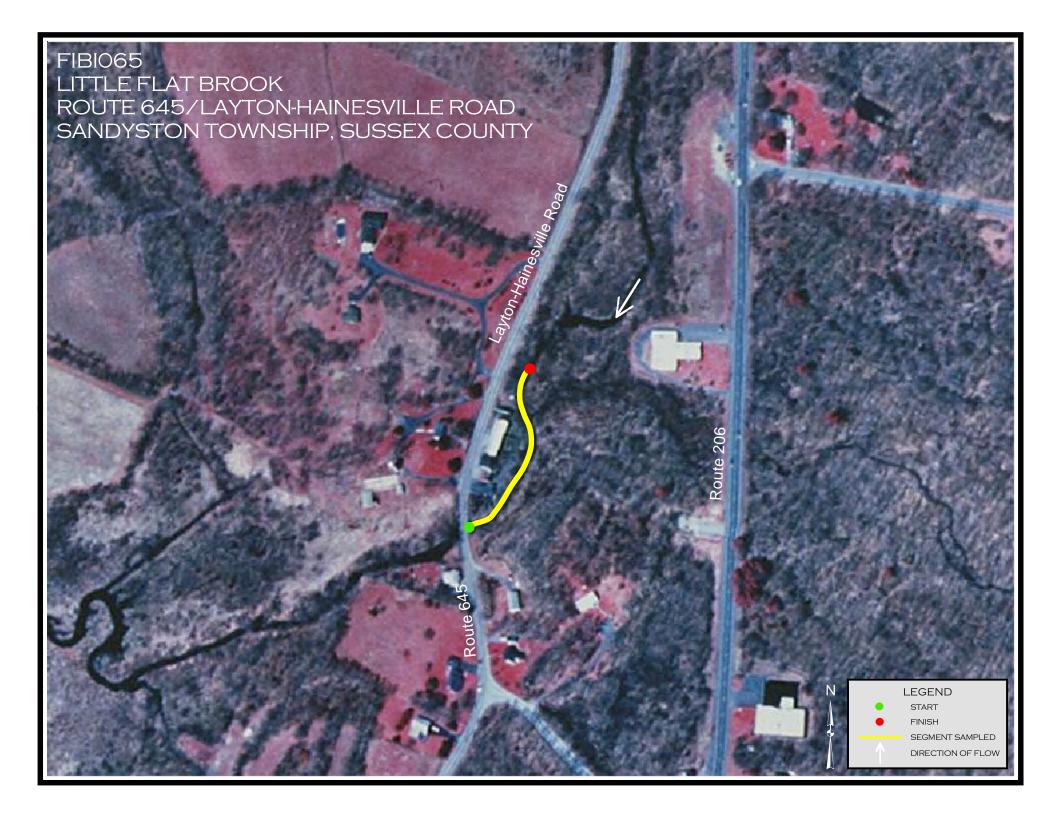




Small Streams (1st and 2nd Order)
Large Streams (3rd Order and Above)







FIBI065 - Little Flat Brook @ CR 645 Date Sampled - 7/17/2003	Excellent	Good	Fair	Poor
			Score	
# of Fish Species			5	
# of Benthic Insectivorous Species (BI)			5	
# of Trout and Centrarchid Species (trout, bass,	sunfish, crappie)		5	
# of Intolerant Species (IS)			5	
Proportion of Individuals as White Suckers			5	
Proportion of Individuals as Generalists (carp, cre	ek chub, banded killifish,		5	
goldfish, fathead minnow, green sunfish)		1		
Proportion of Individuals as Insectivorous Cypri	nids (I and BI)		5	
Proportion of Individuals as Trout *v OR	vhichever gives better	score		
Proportion of Individuals as Piscivores (Excluding	ng American Eel)*		3	
Number of Individuals in Sample			3	
Proportion of Individuals w/disease/anomalies (excluding blackspot)		5	
Total			46	

Stream Rating

45-50 Excellent
 37-44 Good
 29-36 Fair
 10-28 Poor

HABITAT ASSESSMENT FOR *HIGH* GRADIENT STREAMS Little Flat Brook (FIBI065) – 7/17/03

		Condition	Category	
	Optimal	Suboptimal	Marginal	Poor
1. Epifaunal Substrate /Available Cover	Greater than 70% of substrate favorable for epifaunal colonization and fish cover; mix of snags, submerged logs, undercut banks, cobble or other stable habitat and at stage to allow full colonization potential (i.e., logs/snags that are not new fall and not transient).	40-70% mix of stable habitat; well-suited for full colonization potential; adequate habitat for maintenance of populations; presence of additional substrate in the form of newfall, but not yet prepared for colonization (may rate at high end of scale).	20-40% mix of stable habitat; habitat availability less than desirable; substrate frequently disturbed or removed.	Less than 20% stable habitat; lack of habitat is obvious; substrate unstable or lacking.
SCORE 19	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
2. Embeddedness	Gravel, cobble, and boulder particles are 0-25% surrounded by fine sediment. Layering of cobble provides diversity of niche space	Gravel, cobble, and boulder particles are 25-50% surrounded by fine sediment.	Gravel, cobble, and boulder particles are 50-75% surrounded by fine sediment.	Gravel, cobble, and boulder particles are more than 75% surrounded by fine sediment.
SCORE 18	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
3. Velocity/Depth Regimes	All 4 velocity/depth regimes present (slow-deep, slow-shallow, fast-deep, fast-shallow). (slow is <0.3 m/s, deep is >0.5 m)	Only 3 of the 4 regimes present (if fast-shallow is missing, score lower than if missing other regimes).	Only 2 of the 4 habitat regimes present (if fast-shallow or slow-shallow are missing, score low).	Dominated by 1 velocity / depth regime (usually slow-deep).
SCORE 17	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
4. Sediment Deposition	Little or no enlargement of islands or point bars and less than 5% (<20% for low-gradient streams) of the bottom affected by sediment deposition.	Some new increase in bar formation, mostly from gravel, sand or fine sediment; 5-30% (20-50% for low-gradient) of the bottom affected; slight deposition in pools.	Moderate deposition of new gravel, sand or fine sediment on old and new bars; 30-50% (50-80% for low-gradient) of the bottom affected; sediment deposits at obstructions, constrictions, and bends; moderate deposition of pools prevalent.	Heavy deposits of fine material, increased bar development; more than 50% (80% for low-gradient) of the bottom changing frequently; pools almost absent due to substantial sediment deposition.
SCORE 17	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
5. Channel Flow Status	Water reaches base of both lower banks, and minimal amount of channel substrate is exposed.	Water fills >75% of the available channel; or <25% of channel substrate is exposed.	Water fills 25-75% of the available channel, and/or riffle substrates are mostly exposed.	Very little water in channel and mostly present as standing pools.
SCORE 18	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
6. Channel Alteration	Channelization or dredging absent or minimal; stream with normal pattern.	Some channelization present, usually in areas of bridge abutments; evidence of past channelization, i.e., dredging, (greater than past 20 yr) may be present, but recent channelization is not present.	Channelization may be extensive; embankments or shoring structures present on both banks; and 40 to 80% of stream reach channelized and disrupted.	Banks shored with gabion or cement; over 80% of the stream reach channelized and disrupted. In stream habitat greatly altered or removed entirely.
SCORE 19	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
7. Frequency of Riffles (or bends)	Occurrence of riffles relatively frequent; ratio of distance between riffles divided by width of the stream <7:1 (generally 5 to 7); variety of habitat is key. In streams where riffles are continuous, placement of boulders or other large, natural obstruction is important.	Occurrence of riffles infrequent; distance between riffles divided by the width of the stream is between 7 to 15.	Occasional riffle or bend; bottom contours provide some habitat; distance between riffles divided by the width of the stream is between 15 to 25.	Generally all flat water or shallow riffles; poor habitat; distance between riffles divided by the width of the stream is a ratio of >25.
SCORE 17	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1 0
8. Bank Stability (score each bank) Note: determine left or right side by facing downstream.	Banks stable; evidence of erosion or bank failure absent or minimal; little potential for future problems. <5% of bank affected.	Moderately stable; infrequent, small areas of erosion mostly healed over. 5-30% of bank in reach has areas of erosion.	Moderately unstable; 30-60% of bank in reach has areas of erosion; high erosion potential during floods.	Unstable; many eroded areas; "raw" areas frequent along straight sections and bends; obvious bank sloughing; 60- 100% of bank has erosional scars.
SCORE 8 (LB) SCORE 9 (RB)	Left 10 9 Right 10 9	8 7 6 8 7 6	5 4 3 5 4 3	2 1 0 2 1 0
9. Bank Vegetative Protection (score each bank)	More than 90% of the streambank surfaces and immediate riparian zone covered by native vegetation, including trees, under story shrubs, or nonwoody macrophytes; vegetative disruption through grazing or mowing minimal or not evident; almost all plants allowed to grow naturally.	70-90% of the streambank surfaces covered by native vegetation, but one class of plants is not well-represented; disruption evident but not affecting full plant growth potential to any great extent; more than one-half of the potential plant stubble height remaining.	50-70% of the streambank surfaces covered by vegetation; disruption obvious; patches of bare soil or closely cropped vegetation common; less than one-half of the potential plant stubble height remaining.	Less than 50% of the streambank surfaces covered by vegetation; disruption of streambank vegetation is very high; vegetation has been removed to 5 centimeters or less in average stubble height.
SCORE9 (LB) SCORE9 (RB)	Left 10 9 Right 10 9	8 7 6 8 7 6	5 4 3 5 4 3	2 1 0 2 1 0
10. Riparian Vegetative Zone Width (score each bank riparian zone)	Width of riparian zone >18 meters; human activities (i.e., parking lots, roadbeds, clear-cuts, lawns, or crops) have not impacted zone.	Width of riparian zone 12-18 meters; human activities have impacted zone only minimally.	Width of riparian zone 6-12 meters; human activities have impacted zone a great deal.	Width of riparian zone <6 meters: little or no riparian vegetation due to human activities.
SCORE3 (LB)	Left 10 9	8 7 6	5 4 3	2 1 0
SCORE10(RB)	Right 10 9	8 7 6	5 4 3	2 1 0

HABITAT SCORE

173

HABITAT SCORES	VALUE
OPTIMAL	160 - 200
SUB-OPTIMAL	110 – 159
MARGINAL	60 - 109
POOR	< 60

FIBI065 07-17-2003

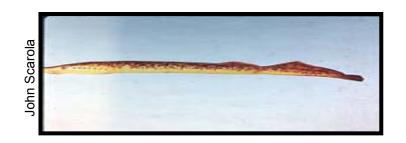
Little Flat Brook

LISTED IN ORDER OF ABUNDANCE FOUND

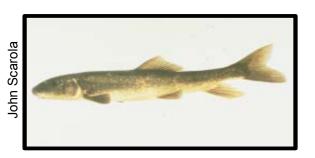
COMMON NAME	SCIENTIFIC NAME	# FOUND	SIZE RANGE (INCHES)
Common shiner	Luxilus cornutus	55	
American eel	Anguilla rostrata	32	
Cutlips minnow	Exoglossum maxillingua	13	
White sucker	Catostomus commersoni	11	
Blacknose dace	Rhinichthys atratulus	10	
Redbreast sunfish	Lepomis auritus	9	2.6 - 3.9
Longnose dace	Rhinichthys cataractae	6	
Redfin pickerel	Esox americanus americanus	3	2.6
Brook trout	Salvelinus fontinalis	3	5.9 - 6.9
Bluegill sunfish	Lepomis macrochirus	3	2.4
Sea lamprey	Petromyzon marinus	2	
Creek chub	Semotilus atromaculatus	2	
Margined madtom	Noturus insignis	2	
Golden shiner	Notemigonus crysoleucas	1	
Largemouth bass	Micropterus salmoides	1	3.9
Tesselated darter	Etheostoma olmstedi	1	
Rainbow trout	Oncorhynchus mykiss	1	9.4

^{*} Regulated as a fishable species under current New Jersey Fish and Wildlife codes

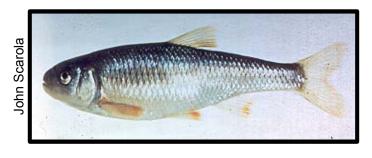
Species Identified at Little Flat Brook (FIBI065)



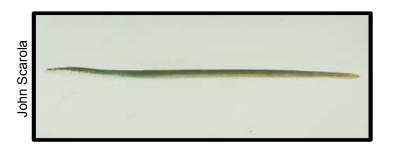
Sea Lamprey



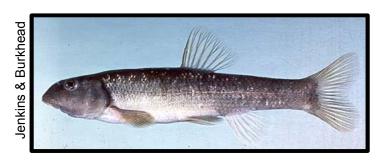
White Sucker



Common Shiner



American Eel



Cutlips Minnow



Blacknose Dace

Species Identified at Little Flat Brook (FIBI065)

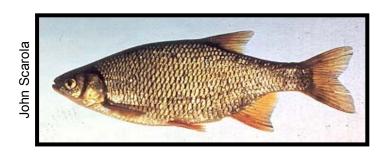


Schute

Redfin Pickerel

Longnose Dace





Brook Trout

Golden Shiner

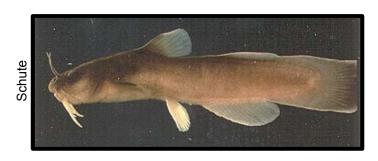




Creek Chub

Redbreast Sunfish

Species Identified at Little Flat Brook (FIBI065)



Margined Madtom



Bluegill



Largemouth Bass



Tesselated Darter



Rainbow Trout